

# Biomes Brochure

## 35 points

Individually, you are going to create a brochure to educate others about the biotic and abiotic factors of 2 of the 7 terrestrial biomes discussed in class. In addition to contrasting the two biomes by noting their differences, you are also going to compare them by outlining their similarities. You will then tie in your knowledge of trophic levels by identifying examples of plants and animals found in each biome and using them to create food webs. Use your notes from class as well as the information found on pages 110-115 in the book to help you.

Your brochure will be graded on the following criteria:

### Cover (3 points)

- The first flap should contain a title and be designed to grab the reader's attention
- Define the word "biome" here
- Include your name somewhere on the cover

### Information (13 points)

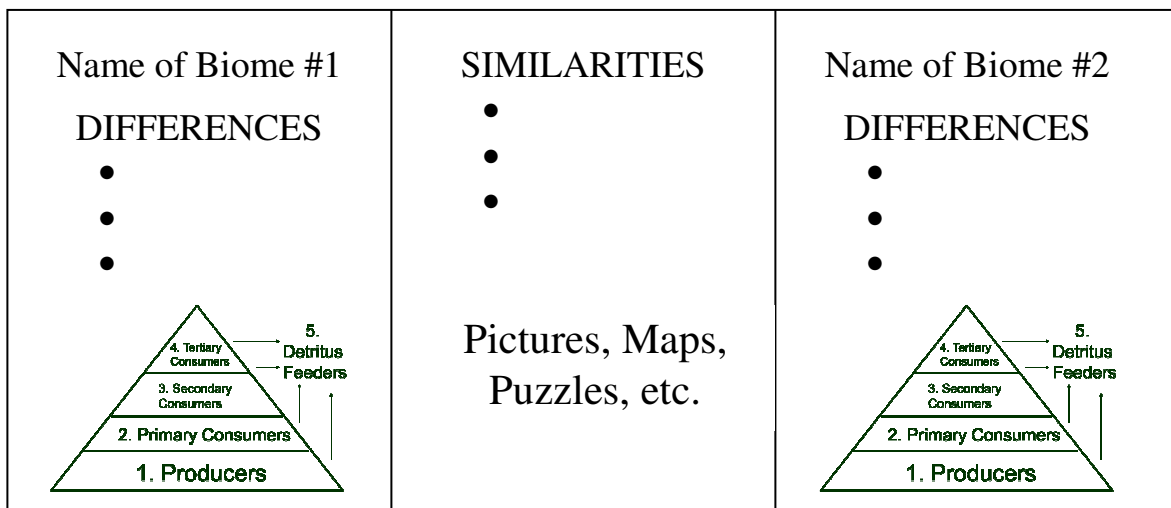
- Select 2 of the 7 biomes discussed in class that you feel you can compare and contrast
- You must include the following information for EACH biome
  - The name of the biome (heading/title)
  - Soil
  - Climate
    - Temperature AND Precipitation
  - Plants AND Animals
    - Draw and LABEL a trophic level pyramid for EACH biome
    - Identify examples of producers, primary consumers, secondary consumers, tertiary consumers, AND detritus feeders
- Similarities
  - On the center flap, outline any of the above characteristics that the biomes have in common
  - Come up with at least 2 similarities (but if there are more, be sure to explain them)
  - BE SPECIFIC
- Differences
  - On the left and right flaps under the appropriate biome's name, outline any of the above characteristics that are different
  - BE SPECIFIC

### Food Webs (12 points)

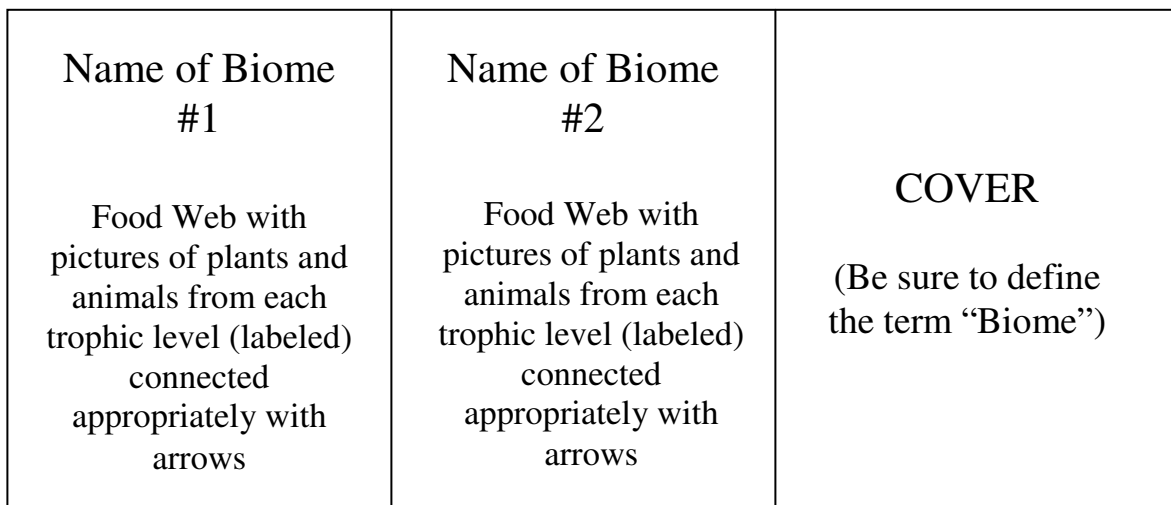
- On the remaining two flaps, you will create food webs that illustrate the energy transfer among the organisms you listed from EACH trophic level for EACH biome
  - Be sure to again include the name of each biome
  - Include PICTURES of plants and animals found in each biome for EACH of the 5 trophic levels from your pyramid and LABEL the trophic level to which they belong
  - Organize those pictures into a food web (make sure your arrows are pointing in the correct direction and that it is not just a chain!)

## Overall Appearance (7 points)

- Color
  - Neatly add color to your brochure
    - Note: Pictures can be drawn by hand or printed from the computer and pasted on, but either way, they must be COLORED
- Attractiveness
  - Brochures are meant to be informative while grabbing someone's attention
  - Your brochure should be colorful, neatly done, organized, and easy to use
- Layout
  - Include headings identifying each biome on appropriate flaps
  - All six flaps need to be neatly filled
    - You can fill any large gaps throughout brochure with other appropriate pictures, maps, or other creative touches
  - Your brochure should be organized according to the drawing below so that it is logical and user-friendly



Flaps pointing toward you



Flaps pointing away from you